Department of Mathematics
The Chinese University of Hong Kong

數學系
香港中文大學

Phone: (852) 3943 7988 • Fax: (852) 2603 5154 • Email: dept@math.cuhk.edu.hk (Math. Dept.)
Room 220, Lady Shaw Building, The Chinese University of Hong Kong, Shatin, N.T., Hong Kong

Seminar

Introduction to Image Classification and Synthesis with Deep Learning

Mr. Siu Wun Cheung
Texas A&M University

Abstract: In this talk, we discuss the applications of image classification and synthesis with recent development of deep learning. We will start with the underlying mathematical problem statements and explain the methodologies of convolutional neural networks (CNN) and generative adversarial networks (GAN). We will present an illustrative example of Tensorflow implementation on these tasks, and provide brief explanations of why training these neural networks could be challenging.

Date :	January 14, 2020 (Tuesday)
Time :	2:30p.m. – 3:30p.m.
Venue :	Room 239, Lady Shaw Building
	The Chinese University of Hong Kong

All are Welcome